## **SUPERIOR** OIL

December 11, 1980

Mr. Mike Minder Geological Engineer Division of Oil, Gas & Mining 1588 West North Temple Salt Lake City, Utah 84116



Re: East Aneth #30-41 1150' FNL & 590' FEL Section 30, T41S, R26E, SLM San Juan County, Utah

Dear Mr. Minder:

Enclosed is Superior Oil's Application for Permit to Drill for the above referenced well. This well is staked on an unorthodox location in accordance with Rule C-3 (c) General Rules and Regulations of Practice and Procedure. This is necessary due to geological conditions. Our Denver exploration office will request an exception to this rule in the very near future.

Your cooperation in this matter is appreciated.

Very truly yours,

SUPERIOR OIL COMPANY

C. L. Hill

Area Production Superintendent

C.L. Till by proffectivery

HH/1h

1.

2.

# SUBMIT IN TRIPLICATE\* (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

	DEPARTMENT	OF THE I	MICK	UK		5. LEASE DESIGNATION AND SERIAL NO.
	GEOLO	GICAL SURV	EY			NOO-C-14-20-3797
A PPI ICATION	FOR PERMIT T	ODRILL	DEEDE	N OR PLUG P	ACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	4 TON TENSANT I	O Diller,		1, 0,1,000	7 1011	NAVAJO
1a. TYPE OF WORK  DR	LL XX	DEEPEN		PLUG BA	CK 🗌	7. UNIT AGREEMENT NAME
b. TYPE OF WELL					<u></u> -	
	ELL OTHER	*	ZON	E X ZONE	LE	8. FARM OR LEASE NAME
2. NAME OF OPERATOR						EAST ANETH
SUPERIOR	OIL COMPANY		·			9. WELL NO.
3. ADDRESS OF OPERATOR						#30-41
P.O.DRAWE	R "G", CORTEZ, (	COLORADO 81	321			10. FIELD AND POOL, OR WILDCAT
4. LOCATION OF WELL (R At surface	eport location clearly and	in accordance wi	th any St	ate requirements.*)		WILDCAT
1150'	FNL, 590' FEL,	SEC. 30, T	415,	R26E NE NE		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
At proposed prod. zor	as surface					SEC. 30, T41S, R26E
	AND DIRECTION FROM NEAR	REST TOWN OR POS	T OFFICE			12. COUNTY OR PARISH   13. STATE
					2	SAN JUAN UTAH
4 III I I ES S	outheast of Anet	ui, Utan	1 16. NO.	OF ACRUS IN LEASE	1 17. No. (	DF ACRES ASSIGNED
LOCATION TO NEARES PROPERTY OR LEASE (Also to nearest dr)	r Line, fr.	590'		1440		HIS WELL 80
18. DISTANCE FROM PROI TO NEAREST WELL, D OR APPLIED FOR, ON TH	RILLING, COMPLETED,	N.A.	19. PRO	FOSED DEPTH	- L	ex or cable tools
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)		1	- Win		22. APPROX. DATE WORK WILL START*
5132.2' U	ngraded Ground I	_evel			1	January 5, 1981
23.	I	PROPOSED CASI	NG AND	CEMENTING PROGR	AM .	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	OOT	T SET'MING DEPTH		QUANTITY OF CEMENT
18"	New 13-3/8"	54.5# H-		100'	Red:	imix to surface
12-1/4"	New 8-5/8"	24# K-	-55	1725'	1300	O sx.
7-7/8"	New 5-1/2"	15.5# K-	-55	6180'	250	SX
	1	1	}			医肾蛋白蛋白蛋白蛋白 医二氏虫
Duri 1 1 100 hal	o to 1001 cot 10	of now	12 2/	O" E/ E#/f+ U	40 ST8	C casing. Cement to surface
with Redimix.	e to roo, set it	JU UI NEW	15-5/	5 54.5#/IL Π-	אוכ טד	casing. Cement to surract
	hain to 170EL	and sot 170	ei of	201 0 5/01 2/	#/f+ I	K-55 ST&C casing. Cement to
					#/16, 1	N-00 Stac casting. Cement to
	1300 sx Class 'I					out Cuark formations Cont
						ert Creek formations. Cont
	lignosulfonate					
						omplete in Ismay and/or Des
Creek based o	n cores and log	evaluation	ı. St	imulate as nec	essary	
	DDDOVED DV 1	THE DIVINO	ON!			

> APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout

reventer program, if any.	
SIGNED H. W. Haven	TITLE Production Geologist DATE Dec. 11, 1980
(This space for Federal or State office use)	
APPROVED BY	TITLE DATE

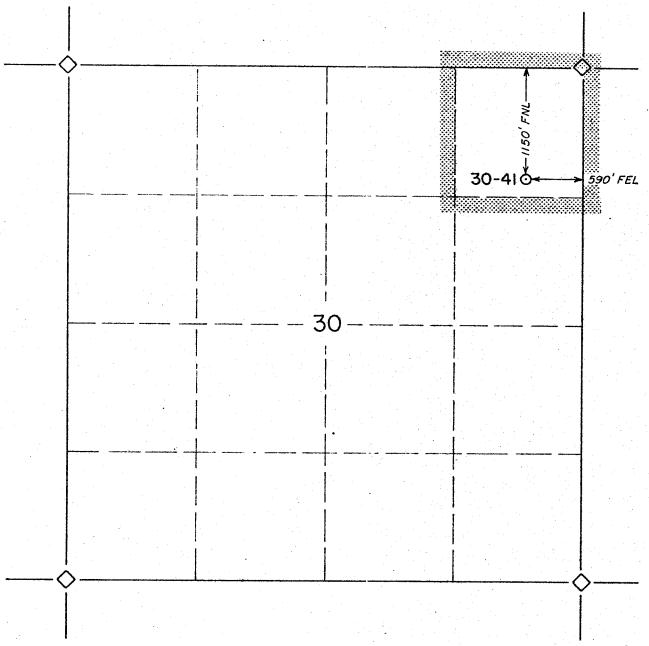
Orig + 3 - USGS, State - 2, Navajo Tribe, C. D. Johnson, Reg. Group, Central File - H, W, C. R. D. Johnson



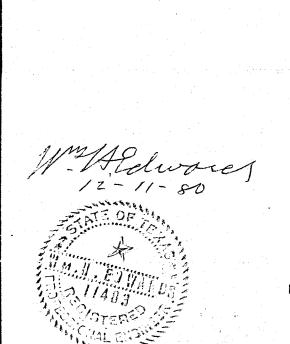
# THE SUPERIOR OIL CO.

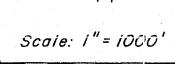
**OPERATOR** 

East Aneth Well No. 30-41

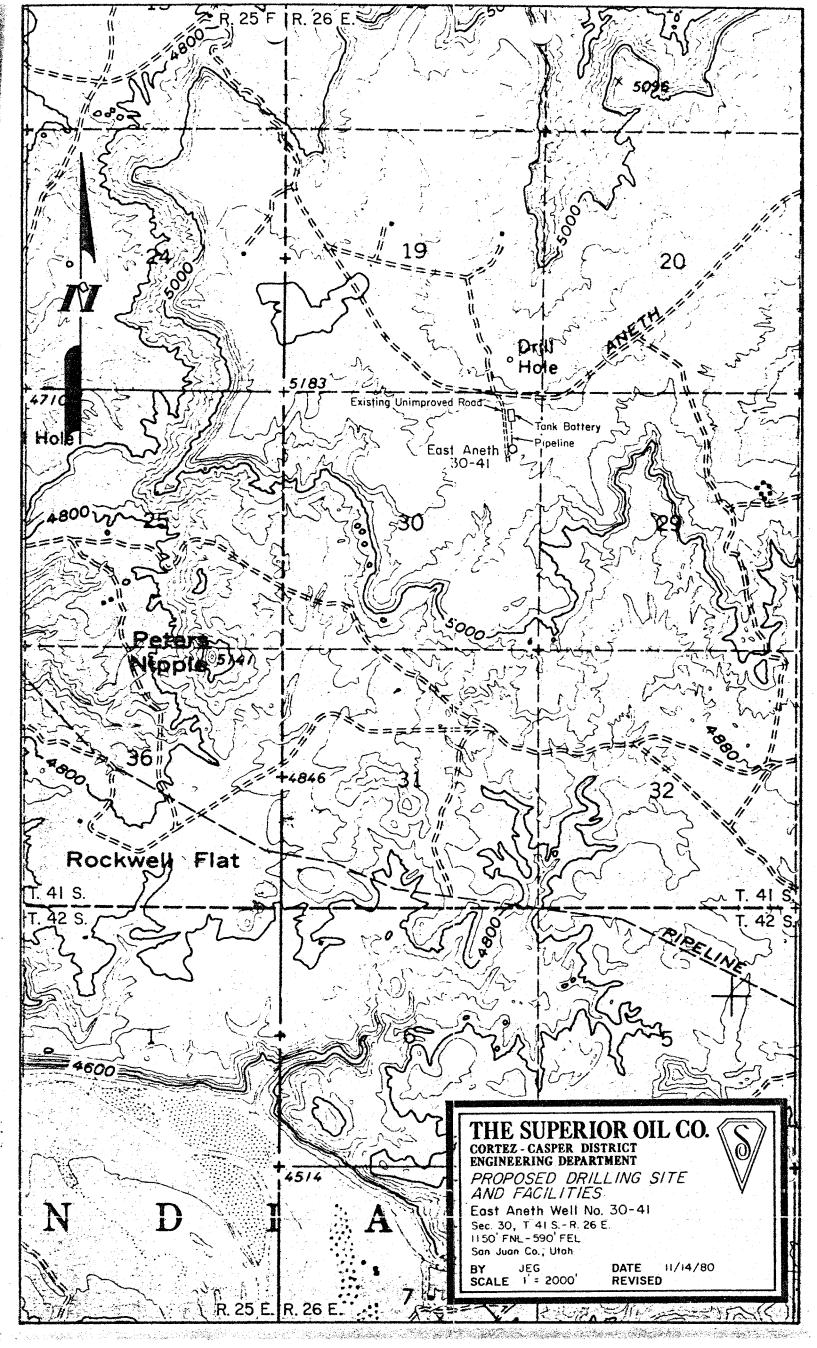


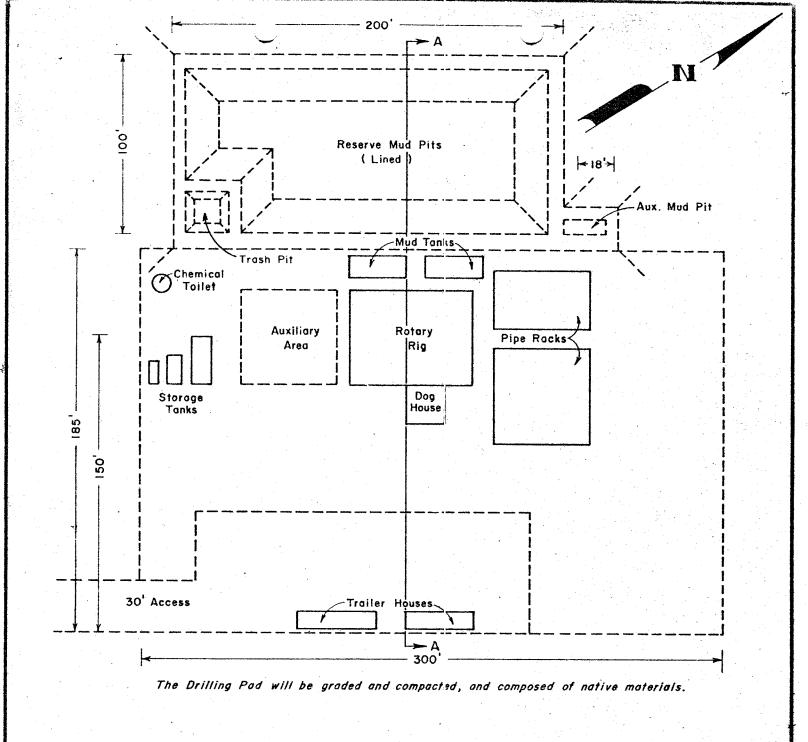
NE/NE SECTION 30, T.41S. - R.26E.



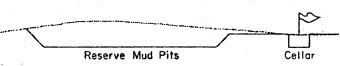


- O Location
  - Well
- ∀ Injector





PROPOSED WELL SITE EAST ANETH No. 30-41 Original Elev. 5132.17

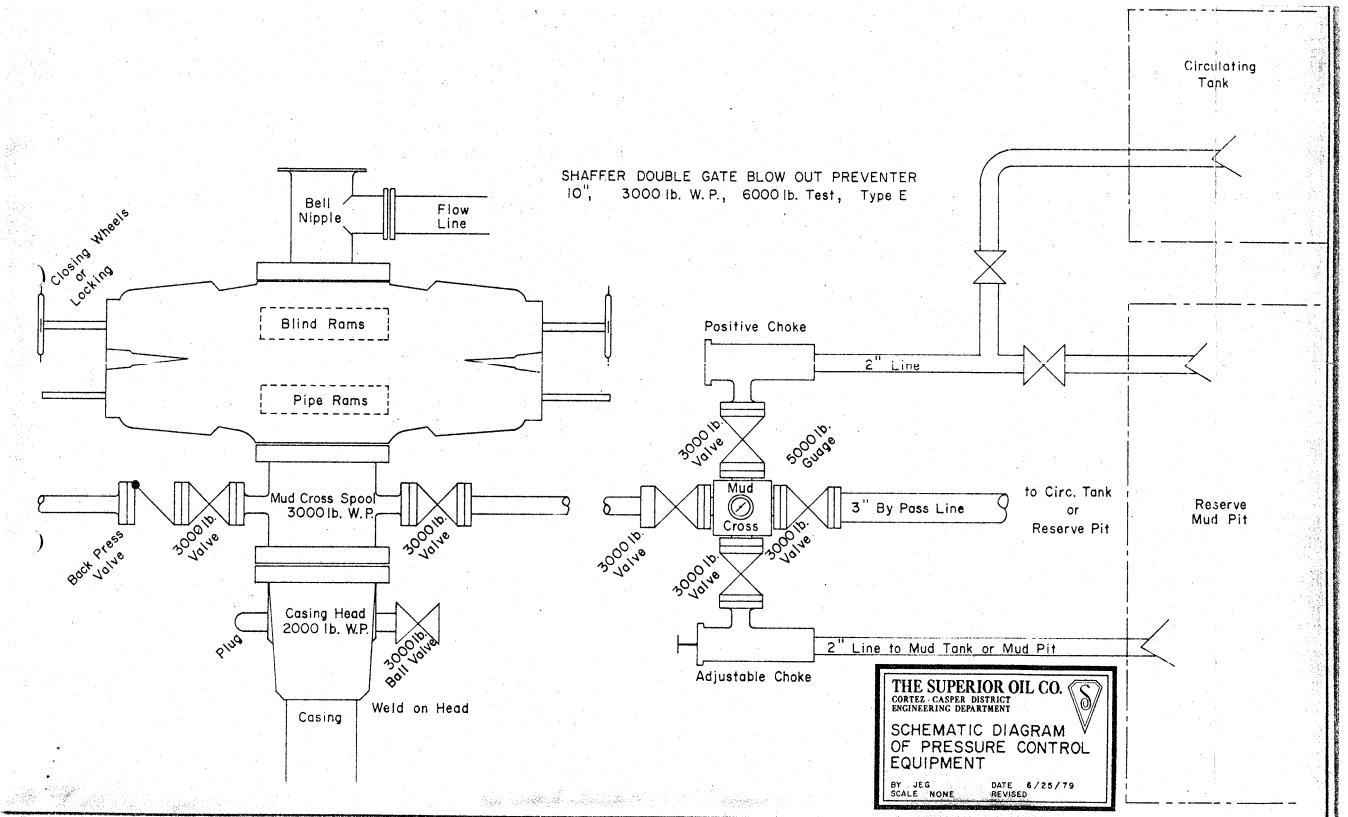


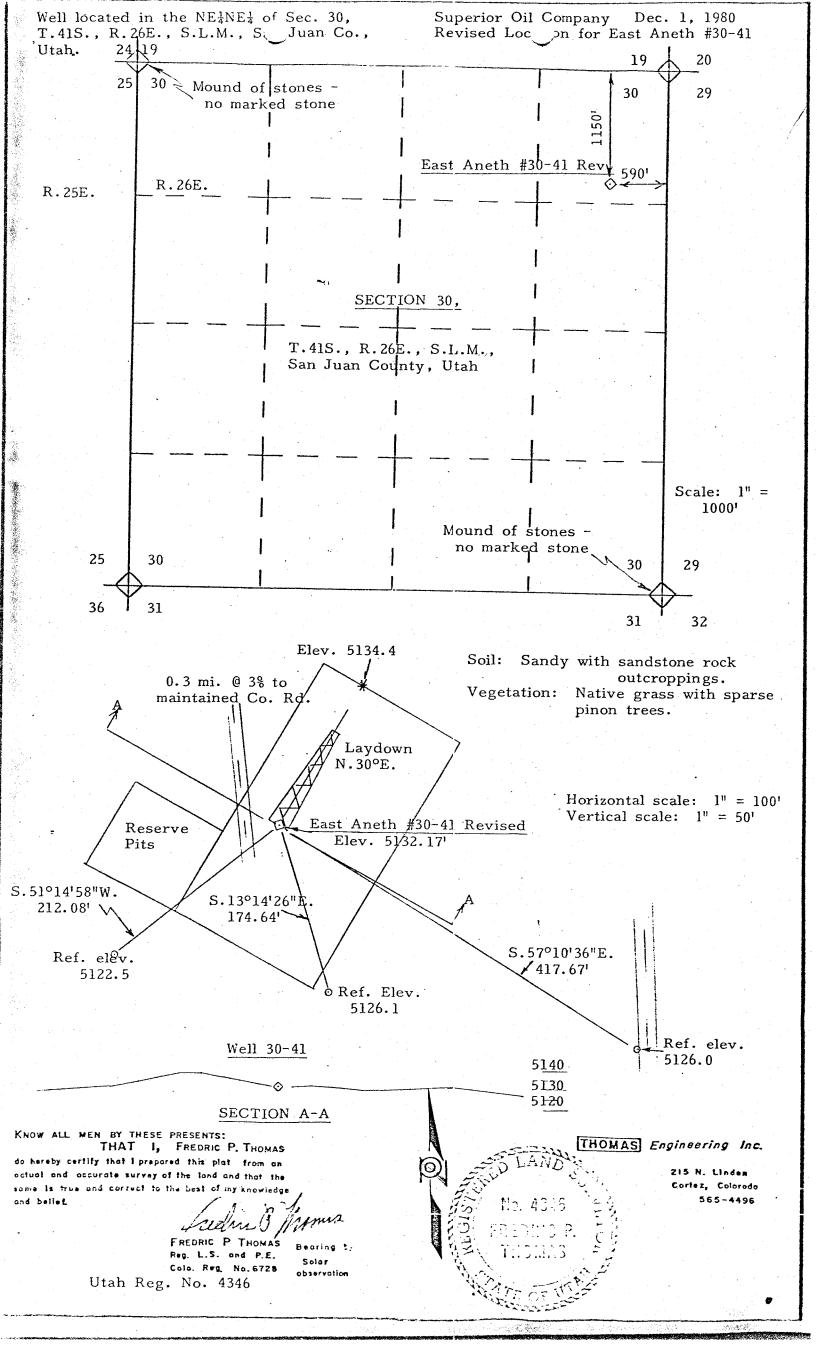
Original Contour

Reference Point

Graded Proposal

THE SUPERIOR OIL CO.
CORTEZ-CASPER DISTRICT
ENGINEERING DEPARTMENT
RIG LAYOUT & DRILL
PAD CROSS SECTION
East Aneth Well No. 30-41
Sec. 30, T. 41 S.-R. 26 E.
San Juan County, Utah
BY JEE
SCALE 1" = 50' REVISED





ATTORNEY AT LAW

SHERIDAN L. MCGARRY 2835 NILA WAY

SALT LAKE CITY, UTAH 84117

TELEPHONE: 277-4076

November 10, 1980

THE SUPERIOR OIL COMPANY

NOV 13 1980

EXPLORATION DENVER, COLO.

The Superior Oil Company 1860 Lincoln Street, Suite 800 Denver, Colorado 80295 Aneth 5

# ORIGINAL DRILLING TITLE OPINION

#### Gentlemen:

Pursuant to your request, I have examined the below listed title materials as to the hereinafter described lands. From the materials examined, I find title and ownership to be as below scheduled, subject to the requirements and qualifications below stated.

#### LANDS AS WHICH EXAMINATION IS MADE:

TOWNSHIP 41 SOUTH, RANGE 26 EAST, S.L.M. SAN JUAN COUNTY, STATE OF UTAH Section 30: All

Containing 640.00 acres.

#### MATERIALS EXAMINED:

- A. Abstract of Title No. 13158 prepared by the South Eastern Utah Title Company of Monticello, Utah, covering all of the captioned lands, certifying as to the records of San Juan County, Utah, from the beginning to October 3, 1980, at 8:00 o'clock A.M.
- B. Abstract of Title No. 33382 prepared by the Federal Abstract Company of Santa Fe, New Mexico, covering all of the captioned lands certifying as to all pertinent instruments filed in the General Information File, Advertisement No. 99, and Lease Contract File NOO-C-14-20-3797 at the Navajo Indian Agency at Window Rock, Arizona. Said abstract was certified to October 24, 1980, at 10:00 o'clock A.M.
- C. The writer's status report dated November 6, 1980, covering all of the captioned lands.

#### OWNERSHIPS SHOWN:

3 ·C	πО	mirro	CHDEACE	ANTO	<b>λΤ.Τ</b> .	MINERALS:
AD	TU	TUC	POKLACE	MND	27777	PITITIONED.

The Navajo Indian Tribe ----- All

The Superior Oil Company November 10, 1980 Page 2

#### WORKING INTEREST:

Arapaho Petroleum Incorporated ----- 80.0000%

LANDOWNER'S ROYALTY:

The Navajo Indian Tribe ----- 16.6667%

OVERRIDING ROYALTIES:

Walter Duncan ----- 3.333%

TOTAL 100.0000%

# COMMENTS AND REQUIREMENTS

1. COMMENT: The subject oil and gas mining lease Contract No. NOO-C-14-20-3797, issued to Walter Duncan under date of November 25, 1970, and approved March 18, 1971, covering the SE% of Sec. 19, S% of Sec. 20 and all of Sec. 30, T. 41 S., R. 26 E., S.L.M., containing 1120.00 acres, subject to certain special stipulations attached thereto.

REQUIREMENT: You should become familiar with the terms of said lease and special stipulations since the same must be strictly complied with.

2. COMMENT: By partial assignment dated February 12, 1973, and approved March 26, 1973, Walter Duncan assigned the SE½ of Sec. 19, and all of Sec. 30, to Arapaho Petroleum Incorporated, subject to the reservation of a 3.33% of 8/8ths overriding royalty, and subject to a reassignment obligation in lieu of surrender.

REQUIREMENT A: There was no indication as to the marital status of the assignor, Walter Duncan on the date he executed said assignment. You should therefore obtain your usual affidavit of marital status. In the event he was married on said date, obtain a consent and joinder to said assignment by his wife and record the same in San Juan County.

REQUIREMENT B: The reassignment obligation must be strictly observed.

3. COMMENT: There is nothing of record evidencing any interest in Superior in the subject lease and lands covered thereby.

The Superior Oil Company November 10, 1980 Page 3

REQUIREMENT: Prior to your drilling operations, obtain your usual farmout agreement evidencing your interest to be earned therein. Upon earning your interest and receiving your assignment, after approval thereof by the Indian Tribe, record the same in San Juan County.

- 4. REQUIREMENT: At the time you stake your location, you should make your usual surface inspection for any easements, right-of-ways, improvements, and any other matters which do not appear of record so that you may be fully acvised therein.
- 5. REQUIREMENT: The only other requirements prior to your drilling operations are those imposed generally by the U.S.G.S.

## CONCLUSION

Subject to the foregoing requirements, approval is hereby extended to drill any part of the captioned lands.

Respectfully submitted,

SHERIDAN L. MCGARRY

SLM:M

ATTORNEY AT LAW
SHERIDAN L. MCGARRY
2835 NILA WAY
5ALT LAKE CITY, UTAH 84117

TELEPHONE: 277-4076

November 7, 1980

THE CUPERIOR OIL

HOV 1 3 1580

EXPLULATION NEWVER, COLO.

The Superior Oil Company 1860 Lincoln Street, Suite 800 Denver, Colorado 80295

Gentlemen:

ANETHS

Pursuant to your request, the undersigned presents this status report as to the following described lands situate in San Juan County, State of Utah:

# TOWNSHIP 41 SOUTH, RANGE 26 EAST, S.L.M. Section 30: All

Containing 640.00 acres.

This status report covers an examination of the records of the Bureau of Land Management, Department of Interior, from the beginning to November 6, 1980, at 10:00 o'clock A.M.

Subject to the comments hereinafter set forth, the present status of the captioned lands is summarized as follows:

#### OWNERSHIPS SHOWN:

The Navajo Indian Tribe ----- All

#### BUREAU OF LAND MANAGEMENT

#### HISTORICAL INDEX ENTRIES:

- 1. Entire Tp. EO Wdl. Enlgmt. Navajo Ind. Res. 3-10-1905, Rev. EO 5-15-1905.
  - Entire Tp., EO Rev. Wdl. 3-10-1905, 5-15-1905.
  - 3. Entire Tp., EO Wdl. Enlgmt. Navajo Ind. Res. 5-15-1905.

#### MASTER TITLE PLAT ENTRIES:

This plat is posted current to October 7, 1977, and the only entry pertaining to the lands under search is "Entire Tp Wdl Navajo Ind Res EO 5-15-1905."

The Superior Oil Company November 7, 1980 Page 2

## SURVEYS:

A survey of the entire subject fractional township was approved by the Commissioner's Letter "E" dated May 1, 1900. According to said survey, Sec. 30 is a normal section containing 640 acres.

## COMMENTS

No comments.

Respectfully submitted,

SHERIDAN L. MCGARRY

SLM:M

# SUPERIOR OIL

December 11, 1980

Mr. James Sims
District Engineer
U. S. Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

Re: Surface Use Development Plan Proposed Well East Aneth #30-41 1150' FNL, 590' FEL Section 30, T41S, R26E San Juan County, Utah

Dear Mr. Sims:

The "Surface Use Development Plan" for the proposed Superior's East Aneth #30-41 is as follows:

- The existing roads and the location of the off road exists are shown on the attached road and pipeline plat.
- 2. A new 1200' X 20' access road will be required as shown on the attached plat. The proposed road will run south from a maintained county road to the location and will be of compacted sand and gravel with a maximum grade of 3%. The existing unimproved road will require improvements to provide a 20' wide travel surface. No major cuts or fills are anticipated.
- 3. The location and status of wells in the vicinity are shown on the attached road and pipeline plat.
- 4. The location of any production facilities, flow lines and lateral roads in the vicinity of the proposed well are shown on the attached plat. The 2" flow line from the proposed well will run 600' north to a new tank battery, the area of the tank battery being approximately 100' X 300' where the oil, gas and water will be separated. If the new production facilities are required, a detailed building plan will be submitted for approval.
- 5. Water for drilling operations will be obtained from the San Juan River.
- 6. Materials necessary for the construction of the access road and drilling pad will be obtained from the location. No access roads for the purpose of hauling materials will be necessary.

- Waste materials will be collected in earth pits 6-8' deep with steep sides. The perimeter of these pits will be fenced with small mesh wire. drilling operations are complete these earth pits will be backfilled and leveled to the contour of the original andscape. Small portable trailer houses for the company and contract drilling personnel may be on the location. A sufficient number of OSHA approved chemical toilets will be provided and maintained.
- The location and position of drilling equipment is shown on the attached plat. Included on this plat is a cross section diagram showing cuts and fills necessary for the construction of the drilling pad. The drilling pad will be located approximately at ground level. Materials at the location will be used for elevation of the pad.
- Surface land is owned by the Navajo Tribe and is used primarily for grazing. Vegetation consists of sparse desert type ground cover and Tamarisks. There are no Indian habitations or artifacts in the immediate vicinity of the proposed drillsite, access road, flow line, construction and material site or road used in transportation of material.

Very truly yours,

SUPERIOR OIL COMPANY

Glenny W. Haven

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by THE SUPERIOR OIL COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

/2 - //- \$7 Date

C.L. Hill by Hallwere

Area Production Superintendent

WELL: East Aneth #30-41

ELEVATION: 5132.2' Ungraded Ground level

SURFACE FORMATION WHERE DRILLING IS TO TAKE PLACE: Dakota

ESTIMATED FORMATION TOPS: (Measured from KB level at 5144')

1698' Chinle 3055 DeChelly 5852' Ismay 5952' Lower Ismay 6007' Gothic Shale 60611 Desert Creek 6160' Chimney Rock 6180' TD

WATER BEARING FORMATION: Water is expected to be encountered intermittently from

400' to 1350'.

HYDROCARBON BEARING FORMATION: Oil and gas are expected to be encountered intermittently

from 5952' - 6160'.

MUD PROGRAM: Surface to 100' - fresh water with gel.

100' - 2800' - fresh water.

2800' - 6180' - lignosulfonate or similar mud system. Water

loss controlled to 15 cc or less and weighted

with Barite as necessary.

CASING: Conductor: 13-3/8" 54.5#/ft H-40 ST&C new casing set to 100'.

Surface: 8-5/8" 24#/ft K-55 ST&C new casing set to 1725'.

Production: 5-1/2" 15.5#/ft K-55 ST&C new casing set to 6180'.

CEMENT PROGRAM: Conductor: Cement to surface with Redimix.

Surface: Cement to surface with 1300 sx Class 'B'.

Production: Cement with 250 sx Class 'B'.

MUDLOGGER: On location and operating by 5000' to TD.

LOGGING PROGRAM: TD - DIL-GR, FDC-CNL, BHC Sonic, Velocity Survey.

DRILL STEM TESTS:

None

CORING:

Ismay 60', 5947-6007'

Desert Creek 60', 6061-6121'

PRESSURE CONTROLS:

Blowout preventer equipment will be 10" Series 600 with blind rams and drill pipe rams hydraulically and manually controlled. The blind rams will be tested on each trip and the pipe rams will be tested daily. The schematic of the pressure control equipment can be seen on the attached diagram. The mud system will be monitored by visual

inspection.

ANTICIPATED STARTING DATE: January 5, 1981 for 28 days.

HWH/lh

## **SUPERIOR** OIL

December 11, 1980

Mr. Mike Minder Geological Engineer Division of Oil, Gas & Mining 1588 West North Temple Salt Lake City, Utah 84116

> Re: East Aneth #30-41 1150' FNL, 590' FEL Section 30, T41S, R26E, SLM San Juan County, Utah

Dear Mr. Minder:

Superior Oil Company controls all oil and gas mineral rights within a 660' radius of the referenced well. Superior Oil is designated as operator of Section 30, T41S, R26E, SLM from Arapahoe Petroleum, Incorporated.

Very truly yours,

SUPERIOR OIL COMPANY

C.L. Hill by WHEdword

C. L. Hill Area Production Superintendent

HWH/1h

# DESIGNATION OF OPERATOR

Bureau of Indian Affairs
The undersigned is, on the records of the Stream of Indian Affairs

DISTRICT KXXXX OFFICE:

Window Rock

SERIAL NO.:

NOO C1420 3797

and hereby designates

NAME:

The Superior Oil Company

ADDRESS:

1860 Lincoln Tower Building

Denver, Colorado 80295

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

> Township 41 South, Range 26 East, S.L.P.M. Section 30: All

San Juan County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ARAPAHO PETROLEUM. INCORPORATED

(Signature of lessee)

VICE PRESIDENT -

80155

Oct 14 1980

P.O. Box 3438, Englewood, CO

(Address)

G. S. GOVERNMENT PRINTING OFFICE: 16-6250A-R

# **SUPERIOR** OIL

December 15, 1980

Mr. Cleon Feight Division of Oil and Gas STATE OF UTAH 1588 West N. Temple Salt Lake City, Utah 84116

> Re: East Aneth #30-41 San Juan County, Utah

Dear Mr. Feight:

The above proposed location (550' FEL, 1320' FNL, Sec. 30, T41S, R26E), does not meet the location guidelines set by the State of Utah.

An exemption is being requested in order to put the well location on an existing seismic shotpoint. Our past experience in the area shows that the targeted algal mounds can disappear in a very short lateral distance. Consequently, any deviation from known data can make the play extremely risky.

If you have any questions, please call me.

Very truly yours,

THE SUPERIOR OIL COMPANY

R. P. Crist

**Exploration Supervisor** 

RPC:asf

DEC 1 5 1980

DIVISION OF OIL, GAS & MINING

# \*\* FILE NOTATIONS \*\*

DATE	: Dec 19, 1980
OPER/	ATOR: Superior Oil Company
WELL	NO: East aneth \$ 30-41
Locat	tion: Sec. 30 T. 415 R. 26E County: Dan Guan
File	Prepared: [ ] Entered on N.I.D: [ ]
Card	Indexed: Completion Sheet:
	API Number 43-037-30621
CHECI	KED BY:
	Petroleum Engineer:
	Director: OR Geologial exception under Role c-3(c)
	Administrative Aide:
APPRO	OVAL LETTER:
	Bond Required: Survey Plat Required:
	Order No O.K. Rule C-3
CC 1565	Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site
	Lease Designation Ind/ Protted on Map/
	Approval Letter Written
	Hot Line P.I.
•	

**SUPERIOR** OIL

8



December 29, 1980

DEC 31 1980

DIVISION OF Mr. Mike Minder OIL, GAS & MINING Geological Engineer Division of Oil, Gas and Mining 1588 W. North Temple 84116 Salt Lake City, Utah

> Our Aneth 5 Prospect Re: Sec. 30, T41N, R26E San Juan County, Utah

Dear Mr. Minder:

In line with a telephone conversation between you and our Mr. Henry Haven of Cortez, Colorado, this is to advise you that Superior Oil has a Farmin Agreement from Arapaho Petroleum Company and others, which covers all of Section 30, among other lands, in Township 41 North, Range 26 East, San Juan County, Utah.

As Mr. Haven stated to you, we plan to drill a well, commonly known as East Aneth 30-41, being located in Section 30 of T41N, R26E, San Juan County, Utah. Arapaho Petroleum is the lessee of record of this Navajo Indian Tribal lease and in order to substantiate this, we enclose a copy of the original title opinion written by Mr. Sheridan L. McGarry. You are further advised that we have obtained approval from the U.S. Geological Survey for this well and all necessary permitting through the Bureau of Indian Affairs and the U.S.G.S has been completed. Superior also has a nationwide bond on file with the B.I.A., to cover its operations on Indian oil and gas leases. We will, therefore, appreciate your issuance of a permit to drill this well as soon as possible.

Very truly yours,

THE SUPERIOR OIL COMPANY

J. C. Rathbun

Land Manager

JCR:asf Enclosure

elmont 312

Western Division

1860 Lincoln St., Suite 800, Lincoln Tower Building, Denver, CO 80295 (303) 861-8261, Twx: 910 931 2539

#### December 29, 1980

Superior Oil Company P. O. Drawer "G" Cortez, Colorado 81321

Ra: Well No. East Anoth 30-41 Sed. 30, T. 41S, R. 26E, San Juan County, Utah

Insofar as this office is concerned, approval to will the above referred to OIL well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

> MICHAEL T. MINDER - Petroleum Engineer Office: 533-5771 Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30(21.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

All the the

Cleon B. Feight

Director

# UNITED STATES DEPARTMENT OF THE INTERIOR

	UNITED STATES	5. LEASE
	DEPARTMENT OF THE INTERIOR	N00-C-14-20-3797
_	GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
	SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
ľ	(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
	1. oil gas	EAST ANETH 9. WELL NO.
-	2. NAME OF OPERATOR SUPERIOR OIL COMPANY	#30-41  10. FIELD OR WILDCAT NAME
	3. ADDRESS OF OPERATOR	WILDCAT
	P. O. DRAWER 'G', CORTEZ, COLO. 81321  4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
	below.)	SEC. 30, T41S, R26E
	AT SURFACE: 1150' FNL, 590' FEL Sec. 30	12. COUNTY OR PARISH 13. STATE
	AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH: Same	SAN JUAN SUTAH
•	16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	14. API NO. 3 4 6 4 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
	REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
		5132' Unghaded G. Lੈ. ਤਹਿੰਦੇ
	REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF $\square$	
	FRACTURE TREAT	
	SHOOT OR ACIDIZE	
	REPAIR WELL PULL OR ALTER CASING	(MOTE: Report results of multiple completion or zone change on Form 9-330.)
	MULTIPLE COMPLETE	
	CHANGE ZONES	
	ABANDON* U DIVISION OF	
	CIL, GAS & MININ  17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state	HG
	17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertined.	irectionally drilled, give subsurface locations and
1.	Spudded in 1-1-81: Drilled 18" hole to 94'.	Ran 13-3/8", 54.5#, H-40, ST&C conductor
	casing to 94' Cemented w/Redi-Mix.	
2.	1-3-8]. Drilled 12-1/4" hole to 1745'. Ran 22	jts 8-5/8", 32#, K-55, ST&C w/Davis
	Lynch float shoe and collar. Cemented with 55	C sx B. J. cement w/6% get 1U#/sk
	Gilsonite slurry wt 12.8# followed w/200 sx cl 15.6#. Bump plug of fresh wtr at 1500#. Held	ass B cement W/2% CdCl Sturry Wt.
	Annulus stayed full. WOC. Installed 11" X 30	CO# 8-5/8" SOW-NFB casing head.
	Welded same and tested to 300#. Held OK. D.A	• 그 그는 그 이 그 의 사는 위한 그 김 사용물을 받는 것 같다.
3.	1-19-81: Drilled to 5874'. Cored from 5874'	to 5587'. Rec. 12'9". Coring ahead.
		그는 사람들이 되는 것이 되었다. 그 사람들이 되는 것이 되었다. 그는 사람들이 되었다. 그 사람들이 살을 바다
•	Subsurface Safety Valve: Manu. and Type	Set @ Ft.
	18. I hereby certify that the foregoing is true and correct	
	SIGNED H. W. Haven TITLE Prod. Geolog	ist DATE Jan 21, 1981
	(This space for Federal or State of	ffice use)
	APPROVED BYTITLE	DATE
	CONDITIONS OF APPROVAL, IF ANY:	
Orig Cent	+ 5 - USGS - Fmg, State - 2, Navajo Tribe, C. D ral File - H, W, C.	Johnson, Reg Group, R. D. Johnson,
		المحاف بحصور يزين الأسي المنوعة مادا الأمي يزين

FILE IN QUADRUPLICATE FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 Nest North Temple
Salt Lake City, Utah 84116

# REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: EAST ANETH #30-41
Operator: SUPERIOR OIL COMPANY Address: P.O. DRAWER 'G', CORTEZ, COLO, 81312
Contractor: FALCON DRILLING CORPORATION Address: 3814 N.1st, Abilene, Texas 79603
Location NE 1/4 NE 1/4; Sec. 30 T. 41 XX, R. 26 E; San Juan County
<pre>!later Sands:</pre> <pre>Volume:</pre> <pre>Quality:</pre>
From- To- Flow Rate or Head Fresh or Salty
1. No water encountered before setting surface casing at 1745'
2.
3.
4.
5(Continue on Reverse Side if Necessary)
Formation Tops:  Chinle @ 1675'  Remarks:
DIVISION OF OIL, GAS & MINING  NOTE: (a) Upon diminishing supply of forms, please inform this office.  (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.  (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

5. LEASE DESIGNATION AND SERIAL N

N00-C-14-20-3797

ə.	LEASE	DEST	(4.1/14.1	NUL.	AIL	· SERIAL	741
					Co.	1	
		27			C. A.		

	<u> </u>									NUU-L-14-	
WELL CO	MPLETION	OR	RECOM	APLE	TION R	EPORT A	NI	SERP	PR	NAVAJO	TTEE OR TRIBE NAME
1a. TYPE OF WEL	L: OIL	L XX	GAS	i	DRY C	other	?.s .		10%	UNIT AGREEMEN	T NAME
b. TYPE OF COMI		LAM	** P.D.D. L	•			1	.5		EAST ANET	H UNIT
NEW N.	WORK DEE	P	PLUG BACK	DI	FF. C	lther A		187.	es e	S. FARM OR LEASE	
WELL XX	3 1 2 1		. 27.27.7		3	Other Divis	2/2	7			7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	CA CA	8.8		* 7	က် ဟ်	G48	"ON	0.		9. WELL NO.	
3. ADDRESS OF OPER	OIL COMPA	INY	<del></del>	1 1 1			MI	<u>UR</u>		#30-41	
		· ADTE	7 COLC	VD & D.C	The magnification of the state		ું <b>"</b>	VING		10. FIELD AND POO	L. OR WILDCAT
P.U. DRA 4. LOCATION OF WEI	WER 'G', C	URIE	Le CULC	JKADU	OIJAI	State require	ments	8)*		WILDCAT	
·		_ J2	ì 🛴		ico with any	Diato roganic		,			OR BLOCK-AND SURVEY
115	50' ENC, 59	)0;¹; F(l	EL SEC.	. 30	<			i i		OR AREA	5.40
At top prod. int	erval reported be	low Si	ame 🖔	) 21	- 9	į				2 = C L C 30 = 2	TAIC DOEE
		= :				***				S SOLU. ZU.	T41S, R26E
At total depth	Same = 8	COFF.		2 3 1 46	PERMIT NO.		A TOTAL	ISSUED		12 COUNTY OR	1 13. STATE
	ju a	C) L	- F-1- I	1			*	;		PARISH	
					3-037-30			29-80		<u>  = SAN JUAN</u>	UTAH
15. DATE SPUDDED	16. DATE T.D. R	EACHED				- 1				BT, GR, ETC.) 19.	and the same of th
1/1/81	1/24/81		2.	-26-8			5132	2' Ungr			5132'
20. TOTAL DEPTH, MD	& TVD 21. PLU	G, BACK	r.d., MD & 1	TVD	22. IF MULT	IPLE COMPL.	3	23. INTER	ED BY	ROTARY TOOLS	CABLE TOOLS
6180'		6140	1		-2,	•			<u> </u>	0-6180'	1 8 M 2 S 3 D
24. PRODUCING INTER	RVAL(S), OF THIS	COMPLE	TIONTOP,	BOTTO	M, NAME (M	D AND TVD)*	7			- 3 a a a a a a a a a a a a a a a a a a	5. WAS DIRECTIONAL SURVEY MADE
	ol p		t. :	·	$\Rightarrow$ $\sim$			İ			No
6103'-10	O' Desert	tree	K		- Pa 14	\$1 <del>5</del>				iddədə <u>də lə</u>	<u> </u>
26, TYPE ELECTRIC	AND OTHER LOGS	RUN			<del> </del>	<u> </u>	3 :	:		27.	WAS WELL CORED
Sonic - 1	GR, DIL-SP	GR-	CNL-FD	C. Gi	R-CBL-VI	DL 🚟 💢		:			YES
28.	art, DIE o.	,	CASI	NG RE	CORD (Repo	ort all strings	set in	ı well)		GERRIS E	
CASING SIZE	WEIGHT, LB.	FT.	DEPTH SE			E SIZE	5		ENTING	RECORD	AMOUNT PULLED
32.27011		40		94'	3	8"	Po	di_miv	to s	urface	None
13-3/8"	54.5 H-4			<del>94</del> 45'		2-1/4"				face	None
8-5/8"	32 & 24			-			-	-	U SUI	Tucc	None
_5-1/2"	_  15.5 K-	55 -	61	80.'		<del>-</del> 7/8" =	_411	0 sx		The second of th	HOHE
, y ,			nnaann		<u> </u>		- I	30.		TUBING RECORD	
29.		<del></del>	RECORD	· · · · · · · · · · · · · · · · · · ·	and a server by	acciden (Au		SIZE		DEPTH SET (MD)	PACKER SET (MD)
SIZE	TOP (MD)	BOTTO	M (MD)	SACKS	CEMENT*	SCREEN (MI	,,				
								2-7/8	<u>'</u>	6128'	Tbg anchor
				<u> </u>		<del></del>	-	· · · · · · · · · · · · · · · · · · ·		· N	at 6128'.
31. PERFORATION RE	CORD (Interval, 8	ize and	number)			32.				TURE, CEMENT SQ	
cioal	63301				- <u>2</u> - 5			г (мр)		10UNT AND KIND OR	
0103	<u>- 6110'</u>				Service of the servic	61(13'	<u>-61</u>	10'	_3580	) gal 28% HC	L
4" gun							<u> </u>	<u> </u>			
							- 3 <u>5</u>	1		a 277 B 3 9- 5	
2 JSPF						92 12					
33.*						DUCTION	<u> </u>				
DATE FIRST PRODUCT						umping—iize			ıp)	WELL STAT	us (Producing or
2-9-81	Pu	mping	j - 2-1	/2"	X = 1 - 1/2	" X 18,	LOC	-NO		Prod	ucing
DATE OF TEST	HOURS TESTED	Ci	IOKE SIZE		OD'N. FOR	OIL-BRL.	7	GAS-MC	CF.	WATER—BBL.	GAS-OIL RATIO
2-26-81	24		None	TE	ST PERIOD	5:2		31	.2	123	600
FLOW. TUBING PRESS.	CASING PRESSU		LCULATED		L-BBL.	; G2.S—	MCF.		WATER-	-BBL. OIL	GRAVITY-API (CORR.)
	15 psi	24	-HOUR RAT	E	52	1 3	31.2		12	3 4	0.1 degree AP
34. DISPOSITION OF	GAS (Sold, used for	r fuel, v	ented, etc.)	)	5 <u>5</u> 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			· · · · ·		TEST WITNESSED	BY
		•			_ O _<		333			T. O. BER	RY
Vented					2 -			to s			
OU. DIST OF ATTACE					26.0		1865	1			
20 Y hamber consist	v that the fores	ingend	oftenhed 4	nforma	7.00	lete and mer	ect s	s determin	ed from	all available record	ls is
oo. I hereby certu		Angrand	Trached 1	vi ma	1 155 1 112	S	- ,4 %	7.1			·유명 불 기흥 회장
SIGNED	113 1200	pro			TITLE F	roduction	on E	nginee	r II	DATE	2-27-81
SIGNED	). B. Bradi	ord.		<del></del>						and the second second	

# INSTRUCTIONS

submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency. Johnson,

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formational pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this some item 35.

Hem 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18. Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 38. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Gement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

	TOP	твов убят. Ворчн	2002	3058'	3208'	74974 5855	5953	(600)	[ e056   ]	6155		3 113	
GEOLOGIC MARKERS	TT0	MEAS. DEPTH	2002	3058	av .	49741 58551	5953	. 1009	19509 1909 1909	6155		3 40 22 W 1819 30 18 24 34 8 22	
8. GI.	The state of the s		321 7- <b>C</b> uiule 7-305	<u>ිට De</u> Che 11 y		· · · · · · · · · · · · · · · · · · ·		Gothic Shale	Desert Creek	Chimney Rock	5001 13601 13601 13601 13601	C. P. San	me or service
STS, INCLUDING		Sh.ptg	11 <b>0</b> 7 11 11 11 11 11 11 11 11 11 11 11 11 11	ss Bra	costria 26-9 Electric			aros. Alc		1 / 24 / 1 1 / 24 / 1 1 / 2 / 1 / 2	er car	1/81 1/81 M DERTH 6180'	7. (A) 1.0 (S) (A) (A) 1.2 (B) (A) (A) 1.8 (B)
CORD INTERPALS AND ALL DRILL-STEM TESTS,	DESCRIPTION, CONTENTS, BTC.	Vugs, DNS, b1k, Calc,	n, flor & cut, Fos.	Stn, Vuggy por, fo	10.00	2424 1744 174	ek -CNL	910 26	500 920 920 920 920 920 920 920 920 920 9	Dese DIA- Cuant SA.5 SR.8	-101 rr ass - GR	6133'- 6001C- 6001C- 278" 70" 72"	GOVERNMENT PRINTING OFFICE: 1953 — 0-83838
		Ls, GY, MXLN, Tr	Ls,GY,Vug,O St	Dolo, Dk GY, C		ORD 20 20 20 20 20 20 20 20 20 20 20 20 20	DH 37 - 17 - 17 - 17 - 17 - 17 - 17 - 17 -					Size	a a
OSITY AND CONTEN	воттом	5887	5994	6142	Ap Section						C. C	10 - 10 10 - 10 10 - 10 - 10 - 10 - 10 -	* 42 10 4704
MARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS TIRRED. PARTIES OF THE PORT OF	TOP	5874	2962	ु <b>61</b> ]		100 C		R.G	ignar ignar	20 21 20 24 20 24 20 21		221-33	
37. SUMMARY OF PORO	FORMATION	Core #1 Ismay	Core #2 L.Ismay	Core #3 Desert CK		Fa : [2]		ien!	See Care	518	rame.	neo <u>76</u> 013	

USGS-Fmg, W, C.Herrn ₽. , S State Orig High, Denver Herman

133-4 Jasen 133-4 Jasen

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## April 28, 1981

Superior Oil Company P.J. Drawer "G" Cortez, Colorado 81321

> Re: Well NO. Easa: Aneath# 30-41 Sec. 30. T. 41S. R. 26E. San Juan County, Utah

#### Ge itlemen:

According to our records, a "Well Completion Report" filed with this office 2-27-81, from above feferred to well indicates the following electric loss were run: SONIC, GR, DIL-SP, GR-CNL-FDC, GR-CBL-VDI. As of todays date this office has not received these logs. GR-CBL-VDL.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs,

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

DEBBIE BEAUREGARD DA GOLLEGA

# **SUPERIOR** OIL

May 7, 1981

Debbie Beauregard Division of Oil, Gas, and Mining 1588 West North Temple Salt Lake City, Utah 84116

Dear Ms. Beauregard:

Enclosed is a copy of the GR-CBL-VDL on the East Aneth #30-41, Section 30, T41S, R26E, San Juan County, Utah.

Please advise for any further information.

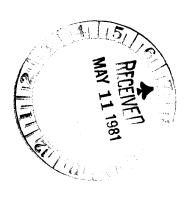
Sincerely yours,

Henry Haven

Production Geologist

HWH/aml

**Enclosed** 



5. LEASE

# UNITED STATES DEPARTMENT OF THE INTERIOR

	NOO-C-14-3797
DEPARTMENT OF THE INTERIOR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
GEOLOGICAL SURVEY	NAVAJO
THE OPEN ON WELLO	7. UNIT AGREEMENT NAME
SUNDRY NOTICES AND REPORTS ON WELLS	,, c,,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
reservoir. Use Form 9-331-C for Such proposation	EAST ANETH
1. oil gas other	
well X well other	9. WELL NO.
2. NAME OF OPERATOR	#30-41
SUPERIOR OIL COMPANY	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	WILDCAT
P.O. Drawer 'G', Cortez, CO 81321	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	Sect. 30, T41S, R26E
AT SURFACE: 1150' FNL, 590' FEL of Sec. 30	12. COUNTY OR PARISH 13. STATE UTAH
AT TOTAL DEPTH: Same	14. API NO. 43-037-30621
16. CHECK APPROPRIATE BOX TO INDICATE NATURE CF NOTICE,	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	GL: 5132' KB: 5144.5
TEST WATER SHUT-OFF	$\mathbf{v}$
SHOOT OR ACIDIZE	
REPAIR WELL	(NOTE: Report results of multiple completion or zone
PULL OR ALTER CASING	change on Form 9-330.)
MULTIPLE COMPLETE	
CHANGE ZONES	
ABANDON* L L L L L L L L L L L L L L L L L L L	dates
<ul> <li>(other)</li> <li>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is different and true vertical depths for all markers and zones pertined</li> <li>4-14-81: Acid fractured Desert Creek perfs (62 Super X Emulsion down 2-7/8" tubing ways injection rate: 12 BPM; Avg. in</li></ul>	nt to this work.)*  103'-10') with 5000 gals of 28% with packer set at 5959'.  pumping pressure: 4500 psig.
<ul> <li>(other)</li> <li>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is different and true vertical depths for all markers and zones pertined</li> <li>4-14-81: Acid fractured Desert Creek perfs (62)</li> <li>Super X Fmulsion down 2-7/8" tubing well as the content of the</li></ul>	nt to this work.)*  103'-10') with 5000 gals of 28% with packer set at 5959'.  pumping pressure: 4500 psig.
<ul> <li>(other)</li> <li>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is dimeasured and true vertical depths for all markers and zones pertined</li> <li>4-14-81: Acid fractured Desert Creek perfs (65 Super X Emulsion down 2-7/8" tubing ways, injection rate: 12 BPM; Avg. 1</li> </ul>	nt to this work.)*  103'-10') with 5000 gals of 28% with packer set at 5959'.  pumping pressure: 4500 psig.
<ul> <li>(other)</li> <li>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is dimeasured and true vertical depths for all markers and zones pertined</li> <li>4-14-81: Acid fractured Desert Creek perfs (62 Super X Emulsion down 2-7/8" tubing ways, injection rate: 12 BPM; Avg. in</li></ul>	nt to this work.)*  103'-10') with 5000 gals of 28% with packer set at 5959'.  pumping pressure: 4500 psig.
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<ul> <li>(other)</li> <li>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is dimeasured and true vertical depths for all markers and zones pertined</li> <li>4-14-81: Acid fractured Desert Creek perfs (65 Super X Emulsion down 2-7/8" tubing ways, injection rate: 12 BPM; Avg. 1</li> </ul>	nt to this work.)*  103'-10') with 5000 gals of 28% with packer set at 5959'.  pumping pressure: 4500 psig.
<ul> <li>(other)</li> <li>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is dimeasured and true vertical depths for all markers and zones pertined</li> <li>4-14-81: Acid fractured Desert Creek perfs (65 Super X Emulsion down 2-7/8" tubing ways, injection rate: 12 BPM; Avg. 1</li> </ul>	nt to this work.)*  103'-10') with 5000 gals of 28% with packer set at 5959'.  pumping pressure: 4500 psig.
<ul> <li>(other)</li> <li>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is different and true vertical depths for all markers and zones pertined</li> <li>4-14-81: Acid fractured Desert Creek perfs (62 Super X Emulsion down 2-7/8" tubing ways. injection rate: 12 BPM; Avg. injection rate: 12 BPM; Avg. injection psig; 15 min. SIP: 1700 psig; 15 min.</li> </ul>	nt to this work.)*  103'-10') with 5000 gals of 28% with packer set at 5959'. pumping pressure: 4500 psig. psig.
<ul> <li>(other)</li> <li>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is different and true vertical depths for all markers and zones pertined</li> <li>4-14-81: Acid fractured Desert Creek perfs (62 Super X Emulsion down 2-7/8" tubing ways. injection rate: 12 BPM; Avg. injection rate: 12 BPM; Avg. injection rate: 12 BPM; Avg. injection psig; 15 min. SIP: 1700 psig; 15 min.</li> </ul>	nt to this work.)*  103'-10') with 5000 gals of 28% with packer set at 5959'.  pumping pressure: 4500 psig.  psig.  p, Files
<ul> <li>(other)</li> <li>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is different and true vertical depths for all markers and zones pertined</li> <li>4-14-81: Acid fractured Desert Creek perfs (62 Super X Emulsion down 2-7/8" tubing ways. injection rate: 12 BPM; Avg. injection rate: 12 BPM; Avg. injection rate: 12 BPM; Avg. injection psig; 15 min. SIP: 1700 psig; 15 min.</li> </ul>	nt to this work.)*  103'-10') with 5000 gals of 28% with packer set at 5959'.  pumping pressure: 4500 psig.  psig.  p, Files
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is demeasured and true vertical depths for all markers and zones pertined  4-14-81: Acid fractured Desert Creek perfs (62 Super X Emulsion down 2-7/8" tubing well Avg. injection rate: 12 BPM; Avg. proposed in the start of the start	nt to this work.)*  103'-10') with 5000 gals of 28% with packer set at 5959'.  pumping pressure: 4500 psig.  psig.  p, Files
<ul> <li>(other)</li> <li>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is directed and true vertical depths for all markers and zones pertined</li> <li>4-14-81: Acid fractured Desert Creek perfs (6.5 Super X Emulsion down 2-7/8" tubing ways. injection rate: 12 BPM; Avg. injection rate:</li></ul>	p, Files
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is different and true vertical depths for all markers and zones pertined  4-14-81: Acid fractured Desert Creek perfs (65 Super X Emulsion down 2-7/8" tubing with Avg. injection rate: 12 BPM; Avg. proposed in the state of	p, Files
(other)  17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is different and true vertical depths for all markers and zones pertined  4-14-81: Acid fractured Desert Creek perfs (65 Super X Emulsion down 2-7/8" tubing with Avg. injection rate: 12 BPM; Avg. proposed in the state of the	nit to this work.)*  103'-10') with 5000 gals of 28% with packer set at 5959'.  pumping pressure: 4500 psig.  psig.  p, Files Set @ Fi
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is demeasured and true vertical depths for all markers and zones pertinent depths for all markers and zones pertine	nit to this work.)*  103'-10') with 5000 gals of 28% with packer set at 5959'.  pumping pressure: 4500 psig.  psig.  p, Files Set @ Fi

5. LEASE

# UNITED STATES DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR  GEOLOGICAL SURVEY	N00-C-14-3797  6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME EAST ANETH
1. oil gas well other	9. WELL NO. #30-41
2. NAME OF OPERATOR SUPERIOR OIL COMPANY	10. FIELD OR WILDCAT NAME WILDCAT
3. ADDRESS OF OPERATOR P.O.DRAWER "G", CORTEZ, COLORADO 81321	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 1150' FNL, 590' FEL of Sec. 30	SEC. 30, T41S, R26E  12. COUNTY OR PARISH 13. STATE SAN JUAN UTAH
AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH: Same	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	43-037-30621 15. ELEVATIONS (SHOW DF, KDB, AND WD) GL: 5132 KB: 5144.5
SHOOT OP ACIDIZE	
REPAIR WELL PULL OR ALTER CASING  MULTIPLE COMPLETE CHANGE ZONES ABANDON* Add Zone	(NOTE: Report results of multiple completion or zone R & 6 19 Prenge on Form 9-330.)  VISION OF GAS & MINING
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stational including estimated date of starting any proposed work. If well is measured and true vertical depths for all markers and zones pertined.)	directionally drilled, give subsurface locations and
<ol> <li>RIH w/ CIBP and set at 6098".</li> <li>Perforate Desert Creek 6058-61', 64'- 66', 83</li> <li>Stimulate Desert Creek w/ 2000 gal 28% HCL.</li> <li>Swab test.</li> <li>Set CIBP at 6030'.</li> <li>Perforate L. Ismay 5960-64' and 68'-79' at 1.</li> <li>Stimulate L. Ismay w/ 3000 gals 28% HCL.</li> </ol>	
<ol> <li>Swab test.</li> <li>Remove plugs and RIH w/ production equipment.</li> <li>Commingle all zones.</li> </ol>	
Orig + 5 - USGS, State - 2, Navajo Tribe, Reg Group,	Denver Expl. Englewood Files, Files-H,C
Subsurface Safety Valve: Manu. and Type	
18. I hereby certify that the foregoing strue and correct  Sr. Prod. En	
(This space for Federal or State	OF UTAH DIVISION OF
APPROVED BY	OIL, GAS, AND MINING
	TIPE LANGE

\*See Instructions on Reverse Side

5. LEASE

# UNITED STATES

DEPARTMENT OF THE INTERIOR	NOO-C-14-3797
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)  1. oil gas gas	8. FARM OR LEASE NAME EAST ANETH
1. oil gas well other  2. NAME OF OPERATOR	9. WELL NO. #30-41
SUPERIOR OIL COMPANY  3. ADDRESS OF OPERATOR	10. FIELD OR WILDCAT NAME WILDCAT
P. O.DRAWER "G", CORTEZ, COLORADO 81321	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	SEC. 30, T41S, R26E
AT SURFACE: 1150' FNL, 590' FEL of Sec. 30 AT TOP PROD. INTERVAL: Same	12. COUNTY OR PARISH 13. STATE SAN JUAN UTAH
AT TOTAL DEPTH: Same	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	43-037-30621 15, ELEVATIONS (SHOW DF, KDB, AND WD)
	1) CLAN EI
TEST WATER SHUT-OFF	
FRACTURE TREAT  SHOOT OR ACIDIZE  MAY 1	3 1982
REPAIR WELL	(NOTE: Report results of multiple completion or zone change on Form 9–330.)
PULL OR ALTER CASING	IN OF
CHANGE ZONES U.L. GAS &	MINIALO
ABANDON* L L L L L L L L L L L L L L L L L L L	MITAING
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If we'll is d measured and true vertical depths for all markers and zones pertinent	nt to this work.)*
-1-82: RIH w/ CIBP and set at 6099', tested plug,	perf'd Desert Creek from 6058-61',
64'-66', 83-'86' and 91'-94' at 1 JSPF. -2-82: Acidized Desert Creek w/ 2000 gals 28% HCL	
-6-82: RIH w/ RBP and set at 6030', tested plug,	perf'd L. Ismay from 5960-64' and
-7-82· Acidized L. Ismav w/ 3000 dals 28% HCL. S	wabbed back 100% water w/ trace oil
-8-82: Squeezed L. Ismay W/ 100 SX Class D Cinc	W/ .0% ILM, reversed odd to ox.
12 0). Dwillod out cost to top of RRP and tested S	QUEEZE
-12-82: Perf'd L. Ismay from 5960-64' and 5968-75' HCL. Swabbed back 100% water.	
-14-82: Squeezed L. Ismay w/ 100 sx Class 'B' cmt.	Reversed out 60 sx.
-15-82: Drilled out cmt to top of RBP and tested s	CONTINUED ON REVERSE SIDE.
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
18. I hereby certify that the foregoing is true and correct	
SIGNED D. I. Blanscet TITLE Sr. Prod. Eng	jineer <sub>date</sub> 5-7-82
(This space for Federal or State of	fice use)
APPROVED BY TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:	• <u>•</u> •

# Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

GPO: 1976 O - 214-149

4-16-82: POH w/ RBP

4-17-82: Drilled out CIBP and RIH w/ production equipment,

ئ Files Files. Englewood Group, Denver Expl. Reg. Tr. be Navajo oį. SĐSN -Ľ. +

# East Aneth 30-41 Abandonment

Pumped 50sx Class's' cement thru retainer a 3 BPM, mox press 1200 psi. POO retainer and pumped 13 sx coment on top of retainer Pulled they toil to 5925' and spotted 1.5 bbls 9.5 ppg bentonite gel mud. Pulled they tail to 5863' and spotted 16 St coment. POOH.

11.11.86 Freepointed casing at 1725! RIH W/ Hbg. and
togged top of coment plug @ 5636'. Filled hole

5636' to 5000' w/ 9.5 ppg bentonite mud. Pulled they tail to 5013' and spotted 14 sx cement. Pulled tail to 4880' and reversed out. Filled hole from 4880' to 3000' w/ 9.5 ppg bentonite mud. 11.12.86 Perforated 51/2 esq 1795,-97. 1937-39 and 3105-0 w/ 4 SPF. Set coment retainer @ 2983' and pumped 55 sx coment below retainer. Spotted 5 sx cement on top of retainer. Pumped 14 bbls 4.5 ppg bentonite mud from 2900' to 1680' POOH. Set retainer @ 1680' and pumped 60 sx coment thru retainer. POO retainer and spotted 5 sx cement on top of retainer. Filled hole w/ 36 bb/s 9.5 ppg bentonite mud. Poot. AIH w/ 4 its they and Pump cement from 124' to surface. Pumped 10 sx coment thru bradenhead value. 11.13.86. But off wellhead Ind set dry hole marken. 12.31.86 Completed surface restoration work.

5. LEASE

NOO-C-14-20-3797

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO				
SUNDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals to drill or to deepen or plug back to a different	7. UNIT AGREEMENT NAME				
reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME EAST ANETH				
1. oil gas other other	9. WELL NO.				
2. NAME OF OPERATOR SUPERIOR OIL COMPANY	#30-41 10. FIELD OR WILDCAT NAME				
3. ADDRESS OF OPERATOR	WILDCAT				
P.O.DRAWER "G", CORTEZ, COLORADO 81321  4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA				
below.)	SECTION 30, T41S, R26E  12. COUNTY OR PARISH 13. STATE				
AT SURFACE: 1150' FNL, 590' FEL of Sec. 30 AT TOP PROD. INTERVAL: Same	SAN JUAN UTAH				
AT TOTAL DEPTH: Same  16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF MOTICE,	14. API NO. 43-037-30621				
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) GL: 5132 KB: 5144.5				
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:  TEST WATER SHUT-OFF	trectionally drilled, give subsurface locations and that to this work.)*  Aneth #30-41 from Bill Bingham that the subsurface locations and the subsurface locations are subsurface locations.				
	DEGEIVE				

# HNITED 6 ATES

OHITE		716	J
DEPARTMENT	OF	HE	INTERIOR
GFOLOGI	CAL	SUR	VEY

UNITED ATES	5. LEAS
DEPARTMENT OF THE INTERIOR	NOU-C-14-3797
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas ca	EAST ANETH
1. oil gas uell other	9. WELL NO.
2. NAME OF OPERATOR	#30-41
SUPERIOR OIL COMPANY	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	EAST ANETH
P. O. DRAWER "G", CORTEZ, CO. 81321	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17' below.)	AREA SECTION 30, T41S, R26E
AT SURFACE: 1150' FNL, 590' FEL of SEC. 30 AT TOP PROD. INTERVAL: Same	12. COUNTY OR PARISH 13. STATE SAN JUAN UTAH
AT TOTAL DEPTH: Same	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	43-037-30621
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)  GL: 5132' KB: 5144.5'
REQUEST FOR APPROVAL TO:  SUBSEQUENT REPORT OF  TEST WATER SHUT-OFF  FRACTURE TREAT  SHOOT OR ACIDIZE	EUVE
PULL OR ALTER CASING	NOTE: Report results of multiple completion or zone change on Form 9–330.)
MULTIPLE COMPLETE	**************************************
CHANGE ZONES	ISION OF
ABANDON* U U OHL, G.	AS & MINING
(other)	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is demeasured and true vertical depths for all markers and zones pertined	lirectionally drilled, give subsurface locations and
•	•
2-7-84: MIKU. POH w/ rods & pump. Made 4 swab ru	ns to clean tubing. POH w/ tubing
2-8-84: RIH w/ csg scraper & tubing hydrotesting	tubing to 6000#. POH w/ tubing &
scraper. RIH w/ pkr & 2-7/8" tubing.	
-9-84: Set pkr at 6012. Acidized the Desert Cre	eek w/ 3000 gals 28% HCL. Swabbed
2-10-84: Swabbed. POH w/ tubing & pkr.	
-11-04: KID W/ DECOMELION CONTONETL.	

2-10-84: Swabbed. POH w/ tubing & pkr. 2-11-84: RIH w/ production equipment.

Subsurface Safety Valve: Manu. and Ty	pe		Set @	Ft.
18. I hereby certify that the foregoing is	s true and correct  M TITLE Petroleum	m Engineer <sub>date</sub> _	2-15-84	
	(This space for Federal or	State office use)		
APPROVED BYCONDITIONS OF APPROVAL IF ANY:	TITLE	DATE		

# WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2) FOR THE CORTEZ SUPERVISOR AREA FOR THE GREATER ANETH FIELD 05/13/86

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC TWNSHP	RNG	S T WELL A TYPE T	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT - NUMBER
BLACK STEER CYN	12-11	MAUL MAZ	UT	NW NW 12-39	S-25E	PROD	43-037-30678	U-12427-B		
	14-33	MAUL MAZ	UT	NW SE 14-39	S-25E	PROD	43-037-30590	U-12427		
EAST ANETH	29-31	MAUL NAZ	UT	NU NE 29-41	S-26E	PROD OF	43-037-30872	N00-C-14-20-5185		
•	30-41	MAUL MAZ	UT	NE NE 30-41	S-26E	PROD OF	43-037-30621	N00-C-14-20-3797		
GOTHIC HESA	6-23	MAUL MAZ	UT	NE SW 6-41	S-23E	PROD S	43-037-15039	14-20-603-239		94-004216
	6-34	MAUL MAZ	UT	SW SE 6-41	S-23E	PROD OF	° 43-637-15034	14-20-603-239A		94-004216
	7-21	SAN JUAN	UT	NE NU 7-41	S-23E	PROD OF	43-037-15036	14-20-603-239A		94-004216
	7-41	SAN JUAN	UT	NE NE 7-41	S-23E	PROD OF	43-037-15032	14-20-603-2 <b>3</b> 9A		94-004216
	8-12	SAN JUAN	UT	SU NU 8-41	S-23E	PROD O	43-037-15035	14-20-603-239		94-004216
	8-33	MAUL MAZ	UT	NW SE 8-41	S-23E	PROD O	43-037-15037	14-20-603-239		94-004216
	8-42	SAN JUAN	UT	SE NE 8-41	S-23E	PROD T	43-037-15033	14-20-603-239		94-004216
	9-13	SAN JUAN	UT	NW SW 9-41	S-23E	PROD S	[ 43-037-15041	14-20-603-242		94-004216
	9-24	NAUL MAZ	UT	SE SW 9-41	S-23E	INJ S	[ 43-037-16452	14-20-603-242		94-004216
	9-44	SAN JUAN	UT	SE SE 9-41	S-23E	INJ S	I 43-037-16451	14-20-603-242		94-004216
	WZW 1	SAN JUAN	UT	SE NW 9-41	S-23E	WSW S	I			94-004216
	16-11	SAN JUAN	UT	NU NU 16-41	S-23E	PROD S	I 43-037-15042	2 14-26-603-243		94-604216
	16-22	SAN JUAN	UT	SE NW 16-41	S-23E	PROD T	A 43-037-15043	3 14-20-603-243		94-004216
•	16-24	MAUL MAZ	UT	SE SW 16-41	S-23E	INJ S	I 43-037-16454	14-20-603-243		94-004216
	16-33	SAN JUAN	UT	NW SE 16-41	S-23E	PROD O	P 43-037-1504	4 14-20-603-243		94-004216
	16-44	MAUL MAZ	UT	SE SE 16-41	S-23E	2 LWI	I 43-037-1645	<b>3 14-20-603-243</b>		94-004216
	17-31	NAUL NAZ	UT	NW NE 17-41	S-23E	PROD O	P 43-037-15040	0 14-20-603-240		94-604216
HORSEHEAD POINT	T 18-44	MAUL MAZ	UT	SE SE 18-36	S-25E	PROD S	I 43-637-30969	9 U-40754	New	-
MC ELHO CREEK	A17-1	SAN JUAN	UT	NE NE 10-41	S-24E	O LMI	P 43-037-05591	2 14-20-0603-6148		96-004190
	A17-2	MAUL MAZ	UT	NE NE 10-41	S-24E	INJ 2	I 43-037-0559:	2 14-20-6603-6148		96-004190
-	8-13	SAN JUAN	IJΥ	NW NW 2-413	I-24E	INJ 0	P 43-037-0570	14-20-603-6509		<b>96-</b> 004190
	B-14	SAN JUAN	UT	SU NW 02-41	S-24E	PROD (	P 43-037-3038	3 14-20-603-6509		96-004190
	B-15	SAN JUAN	UT	NW SW 02-41	S-24E	INJ (	P 43-037-0565	7 14-20-693-6508		96-004190
	B-17	SAN JUAN	UT	NU NU 11-4	IS-24E	PROD (	P 43-037-3013	6 14-20-603-6148		96-004190
	8-18	MAUL MAZ	UT	SW - NW 11-4	IS-24E	PROD (	P 43-037-1561	5 14-20-0603-6148		96-004190
	0-13	MAUL MAZ	IJΤ	NE NW 2-41:	S-24E	PROD (	P 43 <del>-037-3</del> 037	9 14-20-603-6509		96-004190

# **Mobil Oil Corporation**

P.O. BOX 5444 DENVER, COLORADO 60217

January 14, 1985

Utah Divison of Oil, Gas and Mining 355 W. North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

Attention: Ms. Dianne Nielson, Director

RECEIVED

FEB 0 -

DIVISION OF UL GAS & MINING

NOTICES TO SUPERIOR OIL COMPANY

Dear Ms. Nielson:

As a result of the merger which became effective on September 28, 1984, The Superior Oil Companies ("Superior") is now a wholly owned subsidiary of Mobil Corporation.

Effective January 1, 1985 On the like of no case of the complete of the case o superior of legimpanies as service contractor, for the purpose of performing comprehensive business management and related administrative services. To this end, Superior has entered into a Services Agreement with Mobil and has issued Powers of Attorney to certain Mobil employees, whereby Mobil has agreed to perform all of Superior's obligations and duties, and shall be entitled to enforce all of Superior's rights and privileges, including but not limited to all applicable Operating Agreements and leases (see attached). This shall include, without limitation, the making and receiving of payments, the giving and receiving of notices and other information, and the performance of all other related functions. Therefore, after December 31, 1984, notices to Superior or relative to its interests, assets or obligations should designate Mobil and be mailed to:

PERMITS ONLY

Mobil Oil Corporation P.O. Box 5444 Denver, Colorado 80217-5444 Attention: R. D. Baker (303) 298-2577

Enclosed is a list of all Superior wells. This list includes the well names, locations, API numbers and producing zone (if applicable).

We appreciate your consideration and cooperation. If you have any questions, please direct them to the undersigned.

Very truly yours,

R. D. Baker

Environmental & Regulatory Manager - West

Enclosure

# **Mobil Oil Corporation**

P.O. BOX 5444 DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

Attn: R. J. Firth

Associate Director



DIVISION OF OIL. GAS & MINING

## SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly cwned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

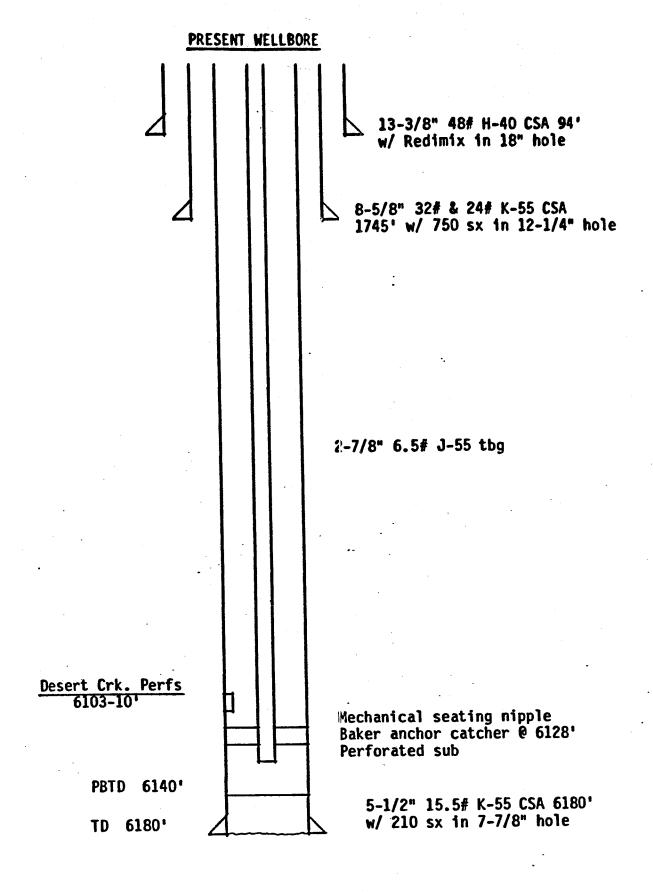
Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,

R. D. Baker

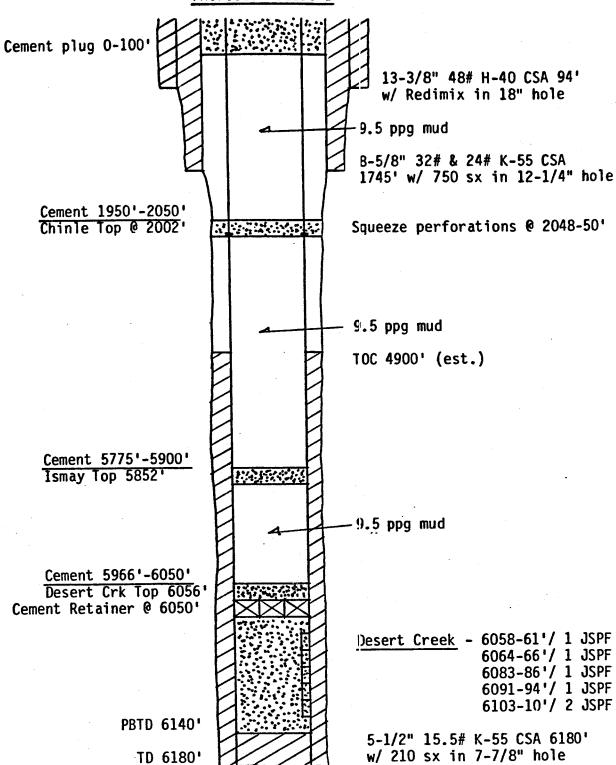
Environmental Regulatory Manager

CNE/rd CNE8661 EAST ANETH #30-41
EAST ANETH LEASE
SAN JUAN COUNTY, UTAH



EAST ANETH #30-41
EAST ANETH LEASE
SAN JUAN COUNTY, UTAH

# PROPOSED WELLBORE



Capacity:

2-7/8": 173 ft/bb1 5-1/2": 42 ft/bb1

5-1/2"- 7-7/8": 32.4 ft/bbl 5-1/2"- 8-5/8": 29 ft/bbl 8-5/8"- 13-3/8": 11.79 ft/bbl

# EAST ANETH #30-41 EAST ANETH LEASE SAN JUAN COUNTY, UTAH

#### PLUG AND ABANDONMENT PROCEDURE

- 1. MIRU workover rig. Nipple down wellhead. Nipple up BOP's.
- 2. Release tubing and POH.
- 3. RIH w/ bit, scraper and 2-7/8" tubing, hydrotesting to 5000 psig. Tag bottom. POH, tallying out.
- 4. MIRU wireline unit. Run a Casing Inspection Log and evaluate condition of 5-1/2" 15.5# K-55 casing from surface to top of cement @ approximately 4900'. If casing is in good condition, call Operations Engineering for pull and salvage procedure.
- 5. RIH w/ 5-1/2" cement retainer and 2-7/8" tubing. Set retainer at 6050'.
  MIRU cementing unit. Pump 4 bbls Class 'B' cement slurry through retainer
  by displacing w/ 35 bbls of fresh water (NOTE: PULL OUT OF RETAINER AFTER
  SPOTTING 2 BBLS OF SLURRY, LEAVING 2 BBLS OF SLURRY ON TOP OF RETAINER).
  Pull up and hang tubing tail at 5950' and reverse out excess.
- 6. Spot 1.5 bbls 9.5 ppg bentonite gel mud by displacing w/ 31 bbls fresh water. Pick up and hang tubing tail at 5900'.
- 7. Spot 3 bbls cement slurry by displacing w/ 31 bbls fresh water. Pick up and hang tubing tail at 5780' and reverse out excess.
- 8. Spot 87 bbls 9.5 ppg bentonite gel mud by displacing w/ 13 bbls of fresh water. POH w/ tubing.
- 9. RIH w/ hollow steel carrier casing gun w/ CCL and perforate 2048-50' w/ 4 JSPF @ 90 degree phasing. RDMO wireline unit.
- 10. Lower tubing tail to 2050'. Close casing valve and establish rate into perforations. (Spot 500 gals 28% HCl to perforations if necessary, displacing w/ fresh water.)
- 11. Open casing valve and spot 6 bbls cement slurry by displacing w/ 6 bbls fresh water. Pick up tubing tail to 1800'. Close casing valve and displace w/ 3 bbls fresh water. Reverse out excess w/ fresh water.
- 12. Open casing valve and circulate 9.5 ppg bentonite mud to surface.
- 13. Pick up tubing tail to  $\pm$  100° from surface. Circulate cement to surface. POH w/ tubing.
- 14. Hook up to Braden head and pump 8.5 bbls slurry down surface casing/production casing annulus. RDMO cementers.
- 15. RDMO workover rig and clean up location.
- 16. Remove wellhead equipment and install dry hole marker.
- 17. Restore location to original contour and seed in accordance with BIA requirements.

form 3160-5 .fovember 1983) ormerly 9-331)

# **BUREAU OF LAND MANAGEMENT**

	Exp	HES	vakası	31,	1782	
5.	LEADE	DESI	CNATION	AND	BBBIAL	30.

<b>SUNDRY</b>	NOTICES	AND	<b>REPORTS</b>	ON	WELLS
					A

Use "APPL	ICATION FOR PERMIT—" for such proposals.)	Navajo
OIL X CAB OTHER		7. UNIT AGREEMENT NAME
HAME OF OPERATOR		8. FARM OR LEASE NAME
MORIL E & P NORTH AMER	ICA (MEPNA)*	East Aneth
3. ADDRESS OF OPERATOR		9. WELL NO.
P. O. Drawer G. Cortez	Colorado 81321	#30-41
<ol> <li>LOCATION OF WELL (Report locations also space 17 below.)</li> <li>At surface</li> </ol>	n'clearly and in accordance with any State requirements.*	East Aneth
1150' FNL, 590' FEL of	Sec. 30	Sec. 30. T41S. R26E
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, BT, GR, etc.)	12. COUNTY OR PARISH 18. STATE
43-037-30621	GL:5132' KB: 5144.5'	San Juan Utah

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT E	MPORT OF:	
	7				
TEST WATER SHUT-OFF	PCLL OR ALTER CASING	<del>  </del>	WATER SHUT-OFF	REPAIRING WELL	
PRACTURE TREAT	NULTIPLE COMPLETE		FRACTURE TREATMENT	ALTERING CASING	
SHOOT OR ACIDIZE	ABANDON*	<u>X</u>	SHOOTING OR ACIDIZING	Abandonment*	
REPAIR WELL	CHANGE PLANE		(Other)		
(Other)			(Note: Report results of mu Completion or Recompletion l	litiple completion on Well Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and gones pertinent to this work.) \*

MEPNA\* requests permission to plug and abandon the subject well as per the attached procedure and wellbore diagram.



\* Mobil Oil as agent for MEPNA

DIVISION OF OIL. GAS & MINING

18. I hereby certify that the foregoing is true and co			
81GNED SIGNED		erctions Engineer DATE	9/29/86
(This space for Federal or State office use)			
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE	ACCEPTED BY OF UTAH DI	THE STATE
Federal approval of this action is required before commencing		OH, GAS, AN DATE: 10-14	ID MINING
Operations.	*See Instructions on	DT. John .	Saya.

Fr 2162 #	. • •• .		2	Form approved.
Form 3160-5 (November 1983)		INITED STATES	SUBMIT IN TRIPL	Budget Bureau No. 1004-0135 Expires August 31, 1985
(Formerly 9-331)		EN_)F THE INTERIO	R verse side)	5. LEASE DESIGNATION AND SERIAL NO.
		J OF LAND MANAGEMENT		NOO-C-14-3797
SUN	IDRY NOTIC	CES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
(Do not use this	Use "APPLICAT	ls to drill or to deepen or plug bac MON FOR PERMIT—" for such prop	k to a different reservoir.	Margio 012000
OH. KZ GAS		1	MENTERRIE	7. UNIT AGREMENT NAME
WELL X WELL	OTHER		C COLERY	
NAME OF OPERATOR	10 3	6	1411 1 7 400-	S. PARM OR LEASE NAME
ADDRESS OF OPERATOR	1.60	<u></u>	JAN 15 1987	East Hneth
PO Draw	101 G (	Cortes Co 813	28 DUICION OF	9. WALL NO.
LOCATION OF WELL (B	teport location cles	arly and in accordance with any St	at Office ASS WINI	MG 10. FIELD AND POOL, OR WILDCAT
At surface	)#. <b>)</b>		OIS, GAO & WIIIVII	Fast Aneth
1150' FNL,	590'	EEI .		11. SEC., T., B., M., OR BLK. AND
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				12 32 TALE POLC
4. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT		Sex 30, 7415, KIGE,
43-037-30	621	BL: 5/32	r, GR, etc.)	12. COUNTY OR PARISH 13. STATE
3.				Dan Vuon Utak
d.	Check App	ropriate Box To Indicate Nat	ure of Notice, Report	, or Other Data
N	OTICE OF INTENTIO	TO:	8	UBSEQUENT REPORT OF:
TEST WATER SHUT-OF	PCI	LL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE THEAT	ми	LTIPLE COMPLETE	FRACTURE TREATMENT	
SHOOT OR ACIDIZE		INDON*	SHOOTING OR ACIDIZIN	G ABANDONMENT®
REPAIR WELL (Other)	CH1	ANGE PLANS	(Other) Report i	results of multiple completion on Well
7. DESCRIPE PROPOSED OR.	COMPLETED OPERA	rions (Clearly state all pertinent d	ompletion of R	ecompletion Report and Log form.)
proposed work. If near to this work.) *	well is directional	lly drilled, give subsurface location	s and measured and true	dates, including estimated date of starting any vertical depths for all markers and zones perti-
fu. 11.5.86 Kla 51	bing. P Released U	the suchov. I	down rods PODH w/ H	by anchor. Hoy and
<b>Du</b> 0	d brush	. POOH RIH	w/ 5.16	cement retainer.
( )	وعكده المراس المسادد ورايران			tight spot willing loose and chased and bit and posts. POOH. RIH wi
11.7.86 0	4	-zand line -till	Bunka .	
In the	hattain	Bester	TIVE DI	ing loose and chased
	SCITOM.	Droke up plug a	of direct. It	an in hole w/ bit and
501	rapes 4	ofts. found,	no tight sp	ooks. POOH. RIH WI
cor	nent res	Fainer to 6050		
		or weekend.		
. 017.00		or weekend.	/n /	
			Centinua	L on attached sheet
1661 100	13000	be mornin		
I hereby certify that the	he pregoing is the	A MEPNA		
SIGNED	12/1	Su-	Shiff	Bas 10 9 1060
		TITLE	July of	Engr DATE JON. 8, 1989
(This space for Federal	i or State office us	<b>.</b> е)		
APPROVED BY	DOTAL TWO	TITLE	AC	CEPTED BY THE STATE
CONDITIONS OF APP.	RUVAL, IF ANY:			OF UTAH DIVISION OF
				OIL, GAS, AND MINING
		*See Instructions on	Payara C: J. DAT	E:/1-16-87
		See manuctions on	IVEARISE SIDS \	

Title 18 U.S.C. Section 1001, makes it a crime tor any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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